

Publications - Academic Year 2023-2024

S.No.	Title of the paper	Author	Name of the Journal / Conference	Volume No, Issue No, Page No, Month & Year	Indexing Scopus/ SCI/ SCIE/ WoS etc.,	Online Link
1.	Defected ground structure-based wideband circularly polarized 4-port MIMO antenna for future Wi-Fi 6E applications	Basma M. Yousef, Allam M. Ameen, Arpan Desai, Heng-Tung Hsu, Vigneswaran Dhasarathan, Ahmed A. Ibrahim	AEU - International Journal of Electronics and Communications	Vol. 170, 7 & 2023	SCI	http://dx.doi.org/10.1016/j.aeue.2023.154815
2.	Partial discharge based recognition of water droplets location in high voltage insulator using convolutional neural network - Bacterial foraging algorithm based optimized machine learning classifier	L. Kalaivani, R.V. Maheswari, B. Vigneshwaran, Alagar Karthick, Murugan Kathirvelu, Fausto Pedro Garcia Marquez	Measurement: Journal of the International Measurement Confederation	Vol. 221, 9 & 2023	Scopus	https://www.sciencedirect.com/science/article/abs/pii/S0263224123010916
3.	10 Gbps CPFSK FSO system under various adverse atmospheric conditions: performance analysis	A. R. Palanisamy, K. C. Ramya, J. Roopa Jayasingh, R. Maheswar, P. Roshini & Moustafa H. Aly	Optical and Quantum Electronics	Vol. 55, 8 & 2023	SCI	https://link.springer.com/article/10.1007/s11082-023-05169-x
4.	A highly sensitive refractive index based etched optical fiber sensor for detection of	Lokendra Singh, Yesudasu Vasimalla, Vigneswaran	Optics and Lasers in Engineering	Vol. 169, 7 & 2023	SCI	http://dx.doi.org/10.1016/j.optlaseng.2023.107727

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	human sperm	Dhasarathan, Julia S. Skibina, Alexey Yu. Gryaznov, Svetlana S. Konnova				
5.	Polarization-insensitive and wide-angle absorber operating in the visible and near-infrared regimes	Mohamad Abou Houran, Meshari Alsharai, Muhammad Abuzar Baqir, Muhammad Saqlain, Vigneswaran Dhasarathan	Optik	Vol. 283, 7 & 2023	SCI	https://doi.org/10.1016/j.ijleo.2023.170915
6.	Cardiovascular risk detection using Harris Hawks optimization with ensemble learning model on PPG signals	R. Divya, Finney Daniel Shadrach & S. Padmaja	Signal, Image and Video Processing	Vol. 17, 7 & 2023	SCI	https://link.springer.com/article/10.1007/s11760-023-02684-y
7.	New approach for improving the performance of dual axis solar tracker with auto cleaning system	K. Gavaskar & U. S. Ragupathy	Soft Computing	Vol. 27, 8 & 2023	Scopus	https://link.springer.com/article/10.1007/s00500-023-09142-4
8.	Optimal transfer learning based nutrient deficiency classification model in ridge gourd (<i>Luffa acutangula</i>)	Finney Daniel Shadrach, Gunavathi Kandasamy, S. Neelakandan & T. Bheema Lingaiah	Scientific Reports	Vol. 13, 8 & 2023	SCI	https://www.nature.com/articles/s41598-023-41120-6
9.	A novel epilepsy seizure prediction model using deep learning and classification	B. Jaishankar, Ashwini A.M., Vidyabharathi D., L. Raja	Healthcare Analytics	Vol. 45, 7 & 2023	Scopus	http://dx.doi.org/10.1016/j.health.2023.100222
10.	Kidney Impairment Prediction Due to Diabetes Using Extended Ensemble Learning Machine Algorithm	Deepa Devasenapathy, Vidhya K, Anna Alphy, Finney Daniel Shadrach, Jayaraj Velusamy and	Journal of Machine and Computing	Vol. 3, 7 & 2023	Scopus	https://anapub.co.ke/journals/jmc/jmc_pdf/2023/jmc_volume_3-issue_3/JMC202303027

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11.	An optimized back propagation neural network for automated evaluation of health condition using sensor data	Vishwanadham Mandala, T. Senthilnathan, S. Suganyadevi, S. Gobhinath, DhanaSekaran Selvaraj, R. Dhanapal	Measurement: Sensors	Vol. 29, 7 & 2023	Scopus	http://dx.doi.org/10.1016/j.measen.2023.100846
12.	Particle swarm optimization based artificial neural network (PSO-ANN) model for effective k-barrier count intrusion detection system in WSN	S. Lakshmi Narayanan, M. Kasiselvanathan, K.B. Gurumoorthy, V. Kiruthika	Measurement: Sensors	Vol. 29, 8 & 2023	Scopus	http://dx.doi.org/10.1016/j.measen.2023.100875
13.	Implementation and Efficient Analysis of Preprocessing Techniques in Deep Learning for Image Classification	James Deva Koresh H	CURRENT MEDICAL IMAGING	Vol. 20, 8 & 2023	Scopus	https://europepmc.org/article/med/37649293
14.	Review of Next-Generation Wireless Devices with Self-Energy Harvesting for Sustainability Improvement	James Deva Koresh Hezekiah, Karnam Chandrakumar Ramya, Sathya Bama Krishna Radhakrishnan, Vishnu Murthy Kumarasamy, Malathi Devendran, Avudaiammal Ramalingam and Rajagopal Maheswar	Energies	Vol. 16, 7 & 2023	SCI	http://dx.doi.org/10.3390/en16135174
15.	An Artificial Neural Network Autoencoder for Insider Cyber Security Threat	Karthikeyan Saminathan, Sai Tharun Reddy Mulka, Sangeetha	Future Internet	Vol. 15, 11 & 2023	SCI	https://www.mdpi.com/1999-5903/15/12/373

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	Detection	Damodharan Sangeetha Damodharan, Rajagopal Maheswar and Josip Lorincz				
16.	An Investigation on Multimodal Brain Image Fusion in the Time–Frequency Domain using Wavelet Transforms	B. Venkatesan, U.S. Ragupathy	IETE Journal of Research	11 & 2023	SCI	https://www.tandfonline.com/doi/full/10.1080/03772063.2023.2280670
17.	Computer-aided cluster formation in wireless sensor networks using machine learning	Thangaraj K, Sakthivel M, Balasamy K, Suganyadevi S	Journal of Intelligent & Fuzzy Systems	Vol. 45, 11 & 2023	SCI	https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs223242
18.	Partial discharge based recognition of water droplets location in high voltage insulator using convolutional neural network – Bacterial foraging algorithm based optimized machine learning classifier	L. Kalaivani, R.V. Maheswari, B. Vigneshwaran, Alagar Karthick, Murugan Kathirvelu, Fausto Pedro Garcia Marquez	Measurement	Vol 221, 11 & 2023	Scopus	https://www.sciencedirect.com/science/article/pii/S02632224123010916
19.	An effective autism spectrum disorder screening method using machine learning classification techniques	Jaishankar Balasubramanian, Bharathi Gururaj, Nandam Gayatri	Concurrency and Computation	10 & 2023	SCI	https://onlinelibrary.wiley.com/doi/10.1002/cpe.7898
20.	Deep volcanic residual U-Net for nodal metastasis (Nmet) identification from lung cancer	M. Ramkumar, K. Kalirajan, U. Pavan Kumar & P. Surya	Biomedical Engineering Letters	10 & 2023	SCI	https://link.springer.com/article/10.1007/s13534-023-00332-5#:~:text=So%2C%20several%20methods%20

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21.	Gynecological Healthcare: Unveiling Pelvic Masses Classification through Evolutionary Gravitational Neocognitron Neural Network Optimized with Nomadic People Optimizer	M. Deeparani, M. Kalamani	Diagnostics	Vol 13, 10 & 2023	SCI	https://www.mdpi.com/ 2075-4418/13/19/3131
22.	Deep recurrent learning based qualified sequence segment analytical model (QS2AM) for infectious disease detection using CT images	S. Suganyadevi & V. Seethalakshmi	Evolving Systems	12 & 2023	SCI	https://doi.org/10.1007/ s12530-023-09554-5
23.	QoS Aware Data Congestion Control Routing in Mobile Ad Hoc Networks for Intelligent Transportations Systems	K. Muthulakshmi, K. Kalirajan, J. Jean Justus, P. Sivamala	TEHNICKI VJESNIK- TECHNICAL GAZETTE	Vol. 31, 01 & 2024	SCI	https://doi.org/10.17559/ /TV-20230427000582
24.	A survey of Alzheimer's disease diagnosis using deep learning approaches	Suganyadevi Sellappan, Shiny Pershiya Anand, Finney Daniel Shadrach, Balasamy Krishnasamy, Renu Karra, Umaamaheshvari Annamalai	Journal of Autonomous Intelligence	Vol. 7, 2024	Scopus	https://jai.front- sci.com/index.php/jai/ar ticle/view/660
25.	Design a novel 1-bit full adder with hybrid logic for full-swing, area-efficiency and high-speed	A. Arul & M. Kathirvelu	Analog Integrated Circuits and Signal Processing	Vol. 119, 29 December 2023	SCI	https://link.springer.co m/article/10.1007/s1047 0-023-02217-0

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26.	Impact of the Preprocessing Steps in Deep Learning-Based Image Classifications	H. James Deva Koresh	National Academy Science Letters	12 January 2024	SCI	https://link.springer.com/article/10.1007/s40009-023-01372-2
27.	Advance Convolutional Network Architecture for MRI Data Investigation for Alzheimer's Disease Early Diagnosis	Nilanjana Pradhan, Shraddha Sagar & T. Jagadesh	SN Computer Science	Vol. 5, 08 January 2024	Scopus	https://link.springer.com/article/10.1007/s42979-023-02560-z
28.	Mapping of groundwater availability in dry areas of rural and urban regions in India using IOT assisted deep learning classification model	Senthilkumar S, A. Basi Reddy, Anna Alphy, Jayaraj Velusamy, Indra J, Manikandan Rajagopal	Groundwater for sustainable Development	Vol.25, May 2024	Scopus	https://www.sciencedirect.com/science/article/abs/pii/S2352801X24000213
29.	Sustainable groundwater development using semi-supervised learning and community-led total forestry and pasture approach	Uma Maheswari S, Anna Alphy, Ganeshkumar Deivasikamani, U. Prakash, Finney Daniel Shadrach, M. Ashok Kumar, S. Manoj	Groundwater for sustainable Development	Vol.25, May 2024	Scopus	https://www.sciencedirect.com/science/article/abs/pii/S2352801X2400016X
30.	A survey on exploring the challenges and applications of wireless body area networks (WBANs)	Arun Sekar Rajasekaran, L. Sowmiya, Azees Maria, R. Kannadasan	Cyber Security and Applications	Vol. 2, 2024	Scopus	https://www.sciencedirect.com/science/article/pii/S2772918424000134
31.	Finite impulse response design based on two-level transpose Vedic multiplier for medical image noise reduction	Joghee Prasad, Arun Sekar Rajasekaran, J. Ajayan, Kambatty Bojan Gurumoorthy	ETRI Journal	Feb2024	Scopus	https://onlinelibrary.wiley.com/doi/full/10.4218/etrij.2023-0335
32.	Design of polycarbonate-based dual-band conformal	Singaram Manokaran, Ramprabhu Sivasamy,	Microwave and Optical Technology	2024	SCI	https://onlinelibrary.wiley.com/doi/abs/10.1002

	frequency-selective surface for 4G/5G shielding applications	V. Harish Muthukaruppan, E. Kaushik Roshan	Letters			/mop.34075
33.	Semi-classical physics based model in AlGa _N /BGa _N based ultraviolet with p-AlGa _N layer sandwiched around electron-blocking layer for droop-free efficiency	Saranya G, Sivamangai N.M, Ajayan J, Sreejith S, Nithya S	Micro and Nanostructures	Vol. 188, April 2024	Scopus	https://www.sciencedirect.com/science/article/abs/pii/S2773012324000219
34.	Design and performance analysis of an L-shaped radiator and defected ground antenna for enhancing wireless connectivity in brain implants	Anupma Gupta, Vipin Kumar, Mohammed H. Alsharif, Peerapong Uthansakul, Monthippa Uthansakul, Vigneswaran Dhasarathan, Manish Sharma	Heliyon	Vol. 10, Feb 2024	Scopus	https://www.sciencedirect.com/science/article/pii/S2405844024024290
35.	A Mutual Energy Harvesting-induced Task Offloading Method for Wireless Sensor Networks coupled with the Internet of Things	M., Vasim Babu; K. B., Gurumoorthy; S., Allwin Devaraj	Adhoc & Sensor Wireless Networks	Vol. 57, 2023	Scopus	https://www.oldcitypublishing.com/journals/ahswn-home/ahswn-issue-contents/ahswn-volume-57-number-1-2-2023/21622-2/
36.	A Linear Differentiation Scheme for Camouflaged Target Detection using Convolution Neural Networks	Jagadesh Sambantham, Gomathy Balasubramanian, Rajarathnam and Mohit Tiwari	Engineering Proceedings	Vol. 59, 2023	Scopus	https://www.mdpi.com/2673-4591/59/1/45
37.	A broadband dual-polarized antenna for 5G wireless	N. Sathishkumar, Rajesh Natarajan, D. Divya, S.	Results in Optics	Vol. 15, 2024	Scopus	https://www.sciencedirect.com/science/article/pii

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	communication systems	Divya				i/S2666950124000567
38.	Automated Seizure Detection Using Machine Learning Algorithm in Very Large Scale Integration	K. Sri Vijaya, B. Hari Chandana, D. Sugumar, Muralidharan J, I. Mohana Krishna, Ramesh Babu P.	International Journal of INTELLIGENT SYSTEMS AND APPLICATIONS IN ENGINEERING	Vol. 12, Nov 2023	Scopus	https://ijisae.org/index.php/IJISAE/article/view/4002
39.	Develop the ubiquitous computing wearable IoT devices using IoT-distributed framework	J. Ashok, S. Purushothaman, Purnendu Shekhar Pandey, K. Praveena, Chetan Pandey, J. Muralidharan	Measurement: Sensors	Vol. 31, Dec 2023	Scopus	https://www.sciencedirect.com/science/article/pii/S2665917423003185
40.	Optimized machine learning algorithm for thyroid tumour type classification: A hybrid approach Random Forest, and intelligent optimization algorithms	Sheik Faritha Begum, S, Suresh Anand, M, Pramila, P.V, Indra, J, Samson Isaac, Alagappan, Chockalingam, Gopala Gupta, Amara S.A.L.G, Srivastava, Surajh, Vidhya, R.G	Journal of Intelligent & Fuzzy Systems	April 2024	SCI	https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs239804
41.	Secured Framework with a Hash Function-Enabled Keyword Search in Cloud Storage Services	P. Punitha, Lakshmana Kumar, S. Revathi, R. Premalatha, and R. S. Aiswarya	International Journal of Cooperative Information Systems	April 2024	SCI	https://www.worldscientific.com/doi/epdf/10.1142/S0218843024500011
42.	FACNN: fuzzy-based adaptive convolution neural network for classifying COVID-19 in noisy CXR	Suganyadevi S. & Seethalakshmi V.	Medical & Biological Engineering & Computing	May 2024	SCI	https://link.springer.com/article/10.1007/s11517-024-03107-x

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43.	Nano-Engineered HfO ₂ -Au photonic sensor for ultra-sensitive refractive index detection	Bibhatsu Kuiri, Alope Kumar Pathak, Amlan Das, Binoy Das, Vigneswaran Dhasarathan, Ardhendu Sekhar Patra	Results in Physics	April 2024	SCI	https://www.sciencedirect.com/science/article/pii/S221137972400322X
44.	Deep Learning Based Alzheimer Disease Diagnosis: A Comprehensive Review	S. Suganyadevi, A. Shiny Pershiya, K. Balasamy, V. Seethalakshmi, Saroj Bala & Kumud Arora	SN Computer Science	Vol.5, April 2024	Scopus	https://link.springer.com/article/10.1007/s42979-024-02743-2
45.	A broadband dual-polarized antenna for 5G wireless communication systems	N. Sathishkumar, Rajesh Natarajan, D. Divya, S. Divya	Results in Optics	Vol. 15, May 2024	Scopus	https://www.sciencedirect.com/science/article/pii/S2666950124000567
46.	QCML: Qualified Contrastive Machine Learning methodology for infectious disease diagnosis in CT images	G. Chandrika, J. Karpagam, T. Richard, Finney Daniel Shadrach, and T. Triwiyanto	Journal of Electronics, Electromedical Engineering, and Medical Informatics	Vol. 6, April 2024	Scopus	https://jeeemi.org/index.php/jeeemi/article/view/391
47.	MIM Waveguide Based Multi-functional Plasmonic Logic Device by Phase Modulation	Lokendra Singh, Prakash Pareek, Chinmoy Saha, Vigneswaran Dharsthanan, Niteshkumar Agrawal, Roshan Kumar	IEEE Transactions on Nanotechnology	2024	SCI	https://ieeexplore.ieee.org/document/10505019
48.	Design and Modelling of Surface Plasmon Resonance Biosensor Employing BaTiO ₃ and Graphene Nanostructure	Alaudeen, K.M., Manoharadas, S., Vigneswaran Dhasarathan, S.	Plasmonics	2024	SCI	https://link.springer.com/article/10.1007/s11468-024-02322-4

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	for Detection of SARS-CoV-2 Virus	Rajeshkannan				
49.	Design of Asymmetrically Loaded Dual Band Antenna for ISM Band Applications	N. Sathishkumar, S. Divya, D. R. P. Rajarathnam, Parimala Gandhi Ayyavu & P. Radhakrishnan	SN Computer Science	May 2024	Scopus	https://link.springer.com/article/10.1007/s42979-024-02910-5
50.	BISFT- two-dimensional breakdown clinical image seperation and fusion technique using CNN	Pradeepkumar G, Kavitha, S	Journal of Intelligent & Fuzzy Systems	March 2024	Scopus	https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs239695
51.	Hybrid Clustering Approach (SG-MFOA) using Multipath Cross-Layer Design in MANET Network	B. Jaishankar, Bharathi Gururaj, A. Muruganandham & G. Nagarajan	IETE Journal of Research	June 2024	SCI	https://www.tandfonline.com/doi/abs/10.1080/03772063.2024.2352646
52.	Cancer Detection Using Multi-layered Kretschmann Configuration based Refractive Index Sensor	P. Nagarajan, Salim Manoharadas, Vigneswaran Dhasarathan & S. Rajeshkannan	Plasmonics	June 2024	SCI	https://link.springer.com/article/10.1007/s11468-024-02381-7
53.	OR2M: a novel optimized resource rendering methodology for wireless networks based on virtual reality (VR) applications	V. Kiruthika, Arun Sekar Rajasekaran, K. B. Gurumoorthy & Anand Nayyar	Wireless Networks	May 2024	SCI	https://link.springer.com/article/10.1007/s11276-024-03781-7
54.	Design of dual mode antenna using CMA and broadband dual-polarized antenna for 5G networks	N. Sathishkumar, SatheeshKumar Palanisamy, Rajesh Natarajan, Khmaies Ouahada & Habib	Scientific Reports	July 2024	SCI	https://www.nature.com/articles/s41598-024-66515-x

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		Hamam				
55.	Experimental Investigation of Dual mode Antenna using Characteristic Mode Analysis with Enhanced Directivity for GSM / 5G Applications	Sathishkumar N, Satheeshkumar Palanisamy, Osamah Ibrahim Khalaf, Rajesh Natarajan, Sameer Algburi, Habib Hamam	Heliyon	June 2024	SCI	https://www.sciencedirect.com/science/article/pii/S2405844024082483
56.	Investigation on Six Element Dipole Array Antenna for ISM Band Wireless Communication Applications	K.C. Rajarajeshwari, N. Nithiyameenatchi, S. Priyadharsini, Bala Subramanyam P N V, S.V. Kumari	Journal of Nano- and Electronic Physics	Vol. 16, No 3, June 2024	Scopus	https://essuir.sumdu.edu.ua/bitstream-download/123456789/96094/1/Rajarajeshwari_jnep_3_2024.pdf;jsessionid=33F6F5E3613B4BD6ECAB1492E2A35A8B
57.	Multi-dimensional fuzzy based diabetic retinopathy detection in retinal images through deep CNN method	K. Balasamy & S. Suganyadevi	Multimedia Tools and Applications	July 2024	SCI	https://link.springer.com/article/10.1007/s11042-024-19798-1
58.	Single Approximation Adders for Image Processing Computing and Techniques	Sowmiya L, Ramesh Shanmugavel Muthiyan, Arul Ambigapathy, Finney Daniel Shadrach	Journal of Electronics, Electromedical Engineering, and Medical Informatics	July 2024	Scopus	https://jeeemi.org/index.php/jeeemi/article/view/400
59.	Design of Novel Rectangular Microstrip Patch Antenna with Improved Gain and Performance Analysis	N Sengottaiyan; P Kalyanasundaram; S.M. Ramesh ; Ravikumar Gurusamy; V. Rajmohan	2023 International Conference on Sustainable Computing and Smart Systems (ICSCSS)	14-16 June 2023	Scopus	https://ieeexplore.ieee.org/document/10169317
60.	An Effective Framework for	G Pradeep; Saroj Bala; N P	2023 International	14-16 June 2023	Scopus	https://ieeexplore.ieee.org

	Detecting Epileptic Seizures using CNN and Encrypted EEG Signals	Satheesh; M Mahalakshmi; K Balasamy; S Suganyadevi	Conference on Sustainable Computing and Smart Systems (ICSCSS)			g/document/10169196
61.	Comparative Analysis on Medical Image Prediction of Breast Cancer Disease using Various Machine Learning Algorithms	Ravikumar Gurusamy; V. Rajmohan; N Sengottaiyan; P. Kalyanasundaram; S.M. Ramesh	2023 4th International Conference on Electronics and Sustainable Communication Systems (ICESC)	6-8 July 2023	Scopus	https://ieeexplore.ieee.org/abstract/document/10193635
62.	Smart Ration Distributor and Database Management	K. Murugan ; S A Anuvamsha; M M Deepika; P Devaki; S Elakkiya	2023 8th International Conference on Communication and Electronics Systems (ICES)	1-3 June 2023	Scopus	https://ieeexplore.ieee.org/abstract/document/10192706
63.	Early Detection of Sickle Cell Anaemia Among Tribal Inhabitants	M. Kathirvelu ; S. Keerthana; V Keerthana; S Lakshitha; S Manikandan	2023 8th International Conference on Communication and Electronics Systems (ICES)	1-3 June 2023	Scopus	https://ieeexplore.ieee.org/abstract/document/10192843
64.	Malware Detection and Classification with Deep Learning Models	K. Jasmine; R. Sivaranjani; J. Jebastine; K. Murugan	2023 International Conference on Applied Intelligence and Sustainable Computing (ICAISC)	17th June, 2023	Scopus	https://ieeexplore.ieee.org/abstract/document/10199581
65.	Multisalient Object Detection and Recognition using Deep Learning Techniques	S Suganyadevi ; V Pavatharani; K Koushick; R Manimaran; A Mohammed Sameer; K Murugan	2023 International Conference on Applied Intelligence and Sustainable Computing (ICAISC)	17th June, 2023	Scopus	https://ieeexplore.ieee.org/abstract/document/10200299
66.	Analysis of ECG Noise	S M Ramesh ; S Nithya ; V.	2023 International	17th June, 2023	Scopus	https://ieeexplore.ieee.org

	Cancellation and Abnormality Classification using Various Adaptive Algorithms	V. Teresa; V Uma Maheswari; M A Raja; S Krishnakumar	Conference on Applied Intelligence and Sustainable Computing (ICAISC)			g/abstract/document/10199232
67.	Design and Analysis of 5G Antenna with Defective Ground Structure	S. Nithya; V. Seethalakshmi; K. Jasmine; J. Dhanasekar; G. Vetrichelvi; V Remya	2023 International Conference on Applied Intelligence and Sustainable Computing (ICAISC)	17th June, 2023	Scopus	https://ieeexplore.ieee.org/abstract/document/10201019
68.	A Credit Card Fraud Identification Technique Using Support Vector Machine	K. Murugan; Angeline Felicia; B Gomathy; P.T. Saravanakumar; S.M. Ramesh; E. Sakthivel	2023 International Conference on Applied Intelligence and Sustainable Computing (ICAISC)	17th June, 2023	Scopus	https://ieeexplore.ieee.org/abstract/document/10199684
69.	Certain Investigation on Adders and Multipliers for Different Applications	M. Supriya; M. Kathirvelu	2023 4th International Conference on Electronics and Sustainable Communication Systems, ICESC 2023	6-8 July 2023	Scopus	http://dx.doi.org/10.1109/icesc57686.2023.10193736
70.	A Secure Authenticated Message Transfer in Vehicle to Grid Networks	L. Sowmiya; Rajasekaran Arun Sekar; Gnanasaravanan Subramaniam; A. Purushothaman; Mohit Tiwari	2023 4th International Conference on Electronics and Sustainable Communication Systems (ICESC)	6-8 July 2023	Scopus	http://dx.doi.org/10.1109/icesc57686.2023.10192956
71.	Design of High-Speed Adder with three operands for Image Blending Applications	K. Gayathree; M. Ishwarya Niranjana; Ram Nivas. D; K. Umamaheswari; J. Dhanasekar; J. Vishnu S	2023 2nd International Conference on Advancements in Electrical, Electronics, Communication,	16-17 June 2023	Scopus	https://ieeexplore.ieee.org/document/10200988

			Computing and Automation (ICAECA)			
72.	Integrated Model for Covid 19 Disease Diagnosis using Deep Learning Approach	Suganyadevi S; Seethalakshmi V; Anandan P; Renu K	2023 2nd International Conference on Edge Computing and Applications (ICECAA)	19-21 July 2023	Scopus	https://ieeexplore.ieee.org/document/10212181
73.	Power Effective Multiply Accumulation Configuration For Low Power Applications Using Modified Parallel Prefix Adders	T Shanmugaraja.; N Kathikeyan	2023 International Conference on Applied Intelligence and Sustainable Computing (ICAISC)	17th June, 2023	Scopus	https://ieeexplore.ieee.org/document/10200142
74.	Performance Enhancement Counter with Minimal Clock Period	Anto Mamman Shane S and Muralidharan J	E3S Web of Conferences	12 July 2023	Scopus	https://www.e3s-conferences.org/articles/e3sconf/abs/2023/36/e3sconf_iconnect2023_01005/e3sconf_iconnect2023_01005.html
75.	Machine Learning Based Automatic Leaf Diseases Detection	Prasad J, RubanKumar J, Thirumoorthi G, UdayaKeerthi V S and Santhosh S M	E3S Web of Conferences	12 July 2023	Scopus	https://www.e3s-conferences.org/articles/e3sconf/abs/2023/36/e3sconf_iconnect2023_01001/e3sconf_iconnect2023_01001.html
76.	Speed, area, power analysis of modified carry select adder with conventional carry select adder	S. Dinesh, S. M. Ramesh	AIP Conference Proceedings	September 13, 2023	Scopus	https://pubs.aip.org/aip/acp/article-abstract/2764/1/060036/2911048/Speed-area-power-analysis-of-modified-carry-select?redirectedFrom=fulltext

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77.	Era of reversible logic based quantum computing on low power applications	N. Vidhya; V. Seethalakshmi; A. Arul; J. Dhanasekar; N. Vinodhini	AIP Conference Proceedings	September 13, 2023	Scopus	https://pubs.aip.org/aip/acp/article-abstract/2764/1/060038/2911049/Era-of-reversible-logic-based-quantum-computing-on?redirectedFrom=fulltext
78.	Deep learning based Covid-19 image classification from CT and X-ray images	S. Cibichakkaravarthi; P. Thangaraj; S. Suganyadevi	AIP Conference Proceedings	September 13, 2023	Scopus	https://pubs.aip.org/aip/acp/article-abstract/2764/1/060015/2911045/Deep-learning-based-Covid-19-image-classification?redirectedFrom=fulltext
79.	Short term predictive maintenance using machine learning models	Chandraprabha Soundarrajan; Ram Nivas Duraisamy; Muralidharan Jayabalan; Gulothungan Govindharajan; Pradeepkumar Gopalakrishnan; Satheesh Kumar Shanmugam	AIP Conference Proceedings	September 13, 2023	Scopus	https://pubs.aip.org/aip/acp/article-abstract/2764/1/060035/2911029/Short-term-predictive-maintenance-using-machine?redirectedFrom=fulltext
80.	Design and Development of Embedded Controller with Wireless Sensor for Power Monitoring through Smart	S M Ramesh; S Rajeshkannan; Sumit Pundir; Navdeep Dhaliwal; Sanjay	2023 Second International Conference on Augmented	September 22, 2023	Scopus	https://ieeexplore.ieee.org/abstract/document/10250506

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	Interface Design Models	Mishra; B Shanthi Saravana	Intelligence and Sustainable Systems (ICAISS)			
81.	Fruits Freshness Recognition System by Manipulating Versatile Neural Networks	Sharmila A; K S Tamilselvan; Dhivya Priya E L; D Yuvaraj; Soundarya B; K S Ambika	2023 International Conference on Circuit Power and Computing Technologies (ICCPCT)	September 22, 2023	Scopus	https://ieeexplore.ieee.org/abstract/document/10245762
82.	Crime Scene Object Detection from Surveillance Video by using Tiny YOLO Algorithm	Uganya G; I. Sudha; V. Lakshmanan; Finney Daniel Shadrach; P. Muthu Krishnammal; Nandhini T J	2023 3rd International Conference on Pervasive Computing and Social Networking (ICPCSN)	October 4, 2023	Scopus	https://ieeexplore.ieee.org/document/10266136
83.	Highly Secure Approximate Adiabatic Logic for Error Tolerant Applications	Kalirajan K; Abinaya M	2023 3rd International Conference on Pervasive Computing and Social Networking (ICPCSN)	October 4, 2023	Scopus	https://ieeexplore.ieee.org/document/10266102
84.	ATM Assisting Device for Secure Transactions using GSM Technology	Kalirajan K; Suganya D N; Survesh Hari S; Sanjay K M; Vishnu Raj S	2023 3rd International Conference on Pervasive Computing and Social Networking (ICPCSN)	October 4, 2023	Scopus	https://ieeexplore.ieee.org/document/10266147
85.	A Comprehensive Review on Analysing of Brain Signals Using Different Clustering Methods	P Naveen; T Akilan; P Manikandan; B. Pushpavanam; C Swedheetha; H James	2023 4th International Conference on Smart Electronics and Communication	October 16, 2023	Scopus	https://ieeexplore.ieee.org/abstract/document/10275953

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		Deva Koresh	(ICOSEC)			
86.	The Design, Simulation, and Measurement of a 30 GHz Microstrip Patch Antenna for Millimeter-Wave Applications	E. Shalini; C. Saranya; S. Nithya; S. Divya; R. Vivek Krishna; S. Caroline Vinnetia	2023 4th International Conference on Smart Electronics and Communication (ICOSEC)	October 16, 2023	Scopus	https://ieeexplore.ieee.org/abstract/document/10276352
87.	Smart Safety and Accident Prevention System	Muralidharan J, Sindhuja L.P, Srinivasan S, Sunshetha K.V and Surendhran P	E3S Web Conf	July 12, 2023	Scopus	https://pubs.aip.org/aip/acp/article-abstract/2764/1/060035/2911029/Short-term-predictive-maintenance-using-machine?redirectedFrom=fulltext
88.	ECG noise elimination using an FPGA version of a modified error normalized LMS adaptive filter	T. Shanmugaraja; M. Ruba; V. Sakthi Priya; T. Venkatesh; M. Supriya; M. Nallamuthu	AIP Conf. Proc	September 13, 2023	Scopus	https://pubs.aip.org/aip/acp/article-abstract/2764/1/060033/2911028/ECG-noise-elimination-using-an-FPGA-version-of-a?redirectedFrom=fulltext
89.	A high performance low power 2-4 decoder design with modified mixed logic	M. Kathirvelu; A. Karthika	AIP Conf. Proc	September 13, 2023	Scopus	https://pubs.aip.org/aip/acp/article-abstract/2764/1/060041/2911052/A-high-performance-low-power-2-4-decoder-design?redirectedFrom=fulltext

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90.	Domino circuit design of a Sub-32nm wide FAN-in GATEM	M. Supriya; P. Sakthivel; S. Priyadharshini; T. Shanmugaraja; K. Murugan; M. Nallamuthu	AIP Conf. Proc	September 13, 2023	Scopus	https://pubs.aip.org/aip/acp/article-abstract/2764/1/060034/2911012/Domino-circuit-design-of-a-Sub-32nm-wide-FAN-in?redirectedFrom=fulltext
91.	A Novel Hybrid Approach to Smart Door Locking System based on Real Time Data Transmission	Pradeepkumar G; Rohith Bhat C; Senthilvadivu K; Latha Jothi V; Sharanyanivasini J S; Neelam Sanjeev Kumar	2023 14th International Conference on Computing Communication and Networking Technologies (ICCCNT)	July 6, 2023	Scopus	https://ieeexplore.ieee.org/document/10306404
92.	Research on Traditional Art Image Reconstruction Method Based on Computer Vision Analysis	M. Supriya; Kuncham Anvesh; B Muruganandham; Manasa Krishnan K; R Muthu; K. Murugan	2023 International Conference on Communication, Security and Artificial Intelligence (ICCSAI)	November 2023	Scopus	https://ieeexplore.ieee.org/document/10421045
93.	An Extended Canberra Similarity Measure Method for Content-Based Image Retrieval	K R N Aswini; S. P. Prakash; Gobinath Ravindran; T Jagadesh; Ashitha V Naik	2023 International Conference on Evolutionary Algorithms and Soft Computing Techniques (EASCT)	January 2024	Scopus	https://ieeexplore.ieee.org/document/10392995
94.	Wireless Capsule Endoscopy Bleeding Images Classification using CNN	Gotte Ranjith Kumar; J. Jeyasudha; Ravi G; T. Jagadesh; Madhura G K	2023 International Conference on Evolutionary	January 2024	Scopus	https://ieeexplore.ieee.org/document/10393338

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	Based Model		Algorithms and Soft Computing Techniques (EASCT)			
95.	Analysis of Visual Expression of Light and Color in Movies based on Wavelet Neural Network	K. Murugan; R. Mothi; Retty George; R. Esther Priya; S. Nagarathinam; S. Krishnakumar	2023 International Conference on Communication, Security and Artificial Intelligence (ICCSAI)	February 2024	Scopus	https://ieeexplore.ieee.org/document/10421049
96.	Parameter Analysis Review on Multiple Quantum Well based InGaN/GaN Light Emitting Diode	Saranya G; Sivamangai N M; Indhumathi G, Naveenkumar R; S Nithya; Archana T	2023 9th International Conference on Smart Structures and Systems (ICSSS)	January 2024	Scopus	https://ieeexplore.ieee.org/document/10407176
97.	Revolutionizing Face Detection: VisionaryNet's Breakthrough in Unraveling Facial Complexity	V. Nallarasan; N. Arivazhagan; R. Lakshminarayanan; D Sharmila; Nagaveni B Sangolgi; Anand M	2nd International Conference on Computer, Communication and Control (IC4)	April 2024	Scopus	https://ieeexplore.ieee.org/document/10486726
98.	Radix-4 Adder with Variable Accuracy and Dynamic Output Modification	Priyadharshini Annadurai; Sharmila D	2023 International Conference on Distributed Computing and Electrical Circuits and Electronics (ICDCECE)	June 2023	Scopus	https://ieeexplore.ieee.org/document/10151358
99.	Intrusion Detection System in Wireless Sensor Networks using Modified Recurrent Neural Network with Long Short-Term Memory	K. Ramkumar; Laith H. Alzubaidi; V Malathy; T. Venkatesh; Kruthika C G	2024 International Conference on Integrated Circuits and Communication Systems (ICICACS)	April 2024	Scopus	https://ieeexplore.ieee.org/document/10498333
100.	Energy-Efficient Clustering	L. M. I. Leo Joseph;	2024 International	April 2024	Scopus	https://ieeexplore.ieee.org/

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	Scheme for Flying Ad-Hoc Network using a Teaching Learning Based Improving Artificial Bee Colony Optimized LEACH Protocol	Nijaguna G. S; Janardhana D. R; Ramy Riad Al-Fatlawy; D. Sharmila	Conference on Integrated Circuits and Communication Systems (ICICACS)			rg/document/10498739
101.	An Effective Dynamic Cross Propagation Clustering in Wireless Sensor Network using Improved RFCM	Mohammed Al-Farouni; D. Sharmila; Komuravelly Sudheer Kumar; Sangeetha Suresh Harikantha; G Vinesh Shanker	2024 International Conference on Integrated Circuits and Communication Systems (ICICACS)	April 2024	Scopus	https://ieeexplore.ieee.org/document/10498929?denied=
102.	Enhancing Quality-of-Service in LoRa Low-Power Wide-Area Networks via Multi-Hop Optimized Radio Resource Management	Laith H. Jasim Alzubaidi; G Sunil; Hiralal Dwaraka Praveena; N. Sathishkumar; Manjula B. M	2024 International Conference on Integrated Circuits and Communication Systems (ICICACS)	2024Feb	Scopus	https://ieeexplore.ieee.org/document/10498522
103.	Prediction of Lung Infections with Deep Learning Techniques: A Systematic Review	Vaishnavi Thangamuthu; K Kamaraj; James Deva Koresh Hezekiah	2023 3rd International Conference on Innovative Mechanisms for Industry Applications (ICIMIA)	April 2024	Scopus	https://ieeexplore.ieee.org/document/10426269
104.	A Smart Automated Roller Clamp for IV Therapy	N Arunkumar; G K Jakir Hussain; V. Bharath; S Mahalakshmi; S L Siva Dharshini; M Rubina Begam	2nd International Conference on Artificial Intelligence and Machine Learning Applications Theme: Healthcare and Internet of Things	March 2024	Scopus	https://ieeexplore.ieee.org/document/10531310

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			(AIMLA)			
105.	A Distributed Data Mining and Cloud Analysis for Predictive Gas Level, Dynamic Booking, and Smart Energy Optimization	D Sugumar, R Ramadevi, J Prasad, N Mohankumar, D C Jou Winnie Wise, S velmurugan	2024 International Conference on Advances in Data Engineering and Intelligent Computing Systems (ADICS)	May 2024	Scopus	https://ieeexplore.ieee.org/document/10533470
106.	Design and Implementation of Secured E-Voting System	Kathirvelu M; Brintha S; Darwin Balaji K; Dhivya Varthini G; Gnana Shree M	2024 International Conference on Cognitive Robotics and Intelligent Systems (ICC - ROBINS)	May 2024	Scopus	https://ieeexplore.ieee.org/document/10533907
107.	IoT based Environment Monitoring in Industries for Employee Safety	Siva Pradeep P; Kalirajan K; Sugin M; Thirukkumaran R; Tharaneesh C S	2024 International Conference on Inventive Computation Technologies (ICICT)	June 2024	Scopus	https://ieeexplore.ieee.org/abstract/document/10544909
108.	IoT based Elbow Joint Rehabilitation Monitoring System	James Deva Koresh H; Anand Karthick S; Gokul Prakash G; Gokulnath E; Ashwin S	2024 International Conference on Inventive Computation Technologies (ICICT)	June 2024	Scopus	https://ieeexplore.ieee.org/abstract/document/10545022
109.	Design of a Compact Dual Band Antenna for 5G and Wimax Applications	Suganyadevi S; Priyadharsini S; Raaghul Ganesh S; Ramakrishnan R; Sowmiya R; Srinithi P	2024 Third International Conference on Distributed Computing and Electrical Circuits and Electronics	June 2024	Scopus	https://ieeexplore.ieee.org/document/10548701

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			(ICDCECE)			
110.	Wearable Stress Monitoring Band using Context Aware Sensor Fusion Technology	D Venugopal; A.G Rakshay Kanna; R Sasiramakrishnan; S Umayal	2024 3rd International Conference on Applied Artificial Intelligence and Computing (ICAAIC)	June 2024	Scopus	https://ieeexplore.ieee.org/abstract/document/10575629
111.	Design of VLSI Architecture Using AES Algorithm	J Indra; A Shiny Pershiya	2024 3rd International Conference on Artificial Intelligence For Internet of Things (AIIoT)	June 2024	Scopus	https://ieeexplore.ieee.org/abstract/document/10574781
112.	Wireless Electric Vehicle Charging System	Balamurali S; Jenith Kanna; Mithun Roshun R; Naresh Balaji S; Pravin U S	2024 Ninth International Conference on Science Technology Engineering and Mathematics (ICONSTEM)	June 2024	Scopus	https://ieeexplore.ieee.org/document/10568889
113.	The Wings of Wellness: Autonomous Medical Delivery Drones Enhancing Patient Care and Accessibility	M. Supriya; S. Jeevitha; S.K Pranathi; M. Lokeshkumar	2024 Ninth International Conference on Science Technology Engineering and Mathematics (ICONSTEM)	June 2024	Scopus	https://ieeexplore.ieee.org/document/10568822
114.	IoT Based Health Risk Monitoring System	Jaishankar B; Poornesh M; Kishorekumar M; Prasad K; Namadeep P	2024 Ninth International Conference on Science Technology Engineering and	June 2024	Scopus	https://ieeexplore.ieee.org/document/10568612

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			Mathematics (ICONSTEM)			
115.	Accelerative Fall Alert System Using Wristwear	Gunanandhini S; Mathavan P; Lakshna Shuruthi D; Nitteesh S; Manoj M	2024 Ninth International Conference on Science Technology Engineering and Mathematics (ICONSTEM)	June 2024	Scopus	https://ieeexplore.ieee.org/document/10568682
116.	Health Monitoring and Fault Recognition of Power Transformer using IoT	Venkatesh T; J. Niveditha J; S. Pooja; Sreejaa S; Thejjashwine L; Rithanya G	2024 Ninth International Conference on Science Technology Engineering and Mathematics (ICONSTEM)	June 2024	Scopus	https://ieeexplore.ieee.org/document/10568847
117.	An Ultrathin FSS Absorber for X-Band Applications	Singaram Manokaran; Shweatha J; Ramprabhu Sivasamy; Nithya Surya V; Geethika P	2024 Ninth International Conference on Science Technology Engineering and Mathematics (ICONSTEM)	June 2024	Scopus	https://ieeexplore.ieee.org/document/10568775
118.	Design and Implementation of Knee Angle Recovery Companion Kit: A Knee Flex Rehab Aid System	Ram Nivas. D; Krishnaraj R; Kathirvelu. M; Ishwarya Niranjana. M	2024 Ninth International Conference on Science Technology Engineering and Mathematics (ICONSTEM)	June 2024	Scopus	https://ieeexplore.ieee.org/document/10568887

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119.	Ecowatt - Appliance Power Monitoring & Optimization	Murugan K; Namik Mohamed N R; KavinRaj S; M K Prabhu; MohitKumar N	2024 Ninth International Conference on Science Technology Engineering and Mathematics (ICONSTEM)	June 2024	Scopus	https://ieeexplore.ieee.org/document/10568852
120.	Oral Cancer Detection Using Convolutional Neural Networks	T Jagadesh; Kamalesh P; Kishore A; Lokin V; Jaiprakash B	2024 Ninth International Conference on Science Technology Engineering and Mathematics (ICONSTEM)	June 2024	Scopus	https://ieeexplore.ieee.org/document/10568599
121.	Design of SIW Based Dual Feed Antenna for 5G Communication Systems	N. Sathishkumar; B. Anitha; A.Anzel Muhammad; B.V. Gokul Raj; P.S. Bhuvanesh	2024 Ninth International Conference on Science Technology Engineering and Mathematics (ICONSTEM)	June 2024	Scopus	https://ieeexplore.ieee.org/document/10568882
122.	Design of EV Control Monitoring of Multiple Approach Fault Detection Using Multi Sensor IoT System	M. Supriya; Kavya. P; Parish. S; Nagavel. S; Mohana Prasad. S	2024 Ninth International Conference on Science Technology Engineering and Mathematics (ICONSTEM)	June 2024	Scopus	https://ieeexplore.ieee.org/document/10568628
123.	Neem Leaf Disease Detection based on Enhanced Leaky	Anandhi Kathiresan; Sahana Shetty; S M.	2024 Ninth International	June 2024	Scopus	https://ieeexplore.ieee.org/document/10568835

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	Capacitor-Fired Neuron (LCFN) Model	Ramesh; T. Arun; Praveen Kumar R; Glory E	Conference on Science Technology Engineering and Mathematics (ICONSTEM)			
124.	Segment-Specific Layer Detection Using Oral Radiology Image for Gingivitis Diagnosis	Anandhi Kathiresan; Saranya M D; Sri Roshini R; M.R. Mythily; R. Bhavani; K. Murugan	2024 Ninth International Conference on Science Technology Engineering and Mathematics (ICONSTEM)	June 2024	Scopus	https://ieeexplore.ieee.org/document/10568587
125.	Dual-Band Antenna System for Advanced Tactical Communication Networks in Next Generation Military Applications	N. Sathishkumar; S. Aravind; N. P. Dharaneeshwaran; R. Dharun Karthik; K. Gowtham	2024 Ninth International Conference on Science Technology Engineering and Mathematics (ICONSTEM)	June 2024	Scopus	https://ieeexplore.ieee.org/abstract/document/10568591
126.	Design of Content-Addressable Memory for Big Data Applications Using 18nm FINFET Technology	Malathi D; Saranya M D; Ponmurugan P; Revathi S; Kavin Kumar K; Malavika S	2024 7th International Conference on Devices, Circuits and Systems (ICDCS)	June 2024	Scopus	https://ieeexplore.ieee.org/document/10560788
127.	FPGA Realization of High-Efficient Address Generator Algorithm for WiMAX Deinterleaver	Veera Boopathy E; Kalirajan K; Mohamed Kasim S; Mugesh A; Rathish S G; Nithyaganesh S; Vimalraj P	2024 IEEE 4th International Conference on VLSI Systems, Architecture, Technology and Applications (VLSI)	June 2024	Scopus	https://ieeexplore.ieee.org/document/10560076

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128.	IoT Based Exam Hall Surveillance Robot	Venkatesh T; Azeez S; GokulPrasanth B; Guru Kailash S; K. Siddharthraju; Murugan K; Saif O. Husain; Nimmala. Srihith G	2023 International Conference for Technological Engineering and its Applications in Sustainable Development (ICTEASD)	July 2024	Scopus	https://ieeexplore.ieee.org/document/10584589
129.	Portable medical kit comprised of non-invasive blood glucose, pulse and pressure sensors with IoT	R. Kiruba Shankar; C. S. Guruprasath; K. S. Akshay; G. Bala Krithik	AIP Conference Proceedings	July 2024	Scopus	https://pubs.aip.org/aip/acp/article-abstract/2965/1/020001/3302219/Portable-medical-kit-comprised-of-non-invasive
130.	Design of hexagonal microstrip patch antenna	K. Dinakaran; A. Anandkumar; M. Kathirvelu; N. Lavanya; S. Vanitha; M. Indraja	AIP Conference Proceedings	July 2024	Scopus	https://pubs.aip.org/aip/acp/article-abstract/2965/1/020004/3302222/Design-of-hexagonal-microstrip-patch-antenna
131.	Securing Shared Data Based on Homomorphic Encryption Schemes	K. Renuka Devi, S. Nithyapriya, G. Pradeep, R. Menaha & S. Suganyadevi	Homomorphic Encryption for Financial Cryptography Recent Inventions and Challenges	8 & 2023	Scopus	https://link.springer.com/chapter/10.1007/978-3-031-35535-6_4
132.	A Survey on Homomorphic Encryption for Financial Cryptography Workout	M. Siva Sangari, K. Balasamy, Habib Hamam, S. Nithya & S.	Homomorphic Encryption for Financial	8 & 2023	Scopus	https://link.springer.com/chapter/10.1007/978-3-031-35535-6_2

		Surya	Cryptography Recent Inventions and Challenges			
133.	Challenges and Opportunities Associated with Homomorphic Encryption for Financial Cryptography	S. Finney Daniel Shadrach, A. Shiny Pershiya, A. Shirley Stevany Faryl, K. Balasamy & K. Chiranjeevi	Homomorphic Encryption for Financial Cryptography Recent Inventions and Challenges	8 & 2023	Scopus	https://link.springer.com/chapter/10.1007/978-3-031-35535-6_5
134.	Homomorphic Encryption-Based Cloud Privacy-Preserving in Remote ECG Monitoring and Surveillance	V. Seethalakshmi, S. Suganyadevi, S. Nithya, K. Sheela Sobana Rani & Gokul Basavaraj	Homomorphic Encryption for Financial Cryptography Recent Inventions and Challenges	8 & 2023	Scopus	https://link.springer.com/chapter/10.1007/978-3-031-35535-6_6
135	Introduction to Homomorphic Encryption for Financial Cryptography	Rajesh Kumar Dhanaraj, S. Suganyadevi, V. Seethalakshmi & Mariya Ouaisa	Homomorphic Encryption for Financial Cryptography Recent Inventions and Challenges	8 & 2023	Scopus	https://link.springer.com/chapter/10.1007/978-3-031-35535-6_1
136.	Multivariate Cryptosystem Based on a Quadratic Equation to Eliminate the Outliers Using Homomorphic Encryption Scheme	M. Janani, R. Jeevitha, R. Jaikumar, R. Suganthi & S. Jhansi Ida	Homomorphic Encryption for Financial Cryptography Recent Inventions and Challenges	8 & 2023	Scopus	https://link.springer.com/chapter/10.1007/978-3-031-35535-6_13
137.	A Survey on Private Keyword Sorting and Searching Homomorphic Encryption	S. Nithya, V. Seethalakshmi, G. Vetricelvi, M. Siva	Homomorphic Encryption for Financial	8 & 2023	Scopus	https://link.springer.com/chapter/10.1007/978-3-031-35535-6_12

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		Sangari & Gokul Basavaraj	Cryptography Recent Inventions and Challenges			
138.	AAL with Deep Learning to Classify the Diseases Remotely from the Image Data	A. Sharmila, E. L. Dhivya Priya, K. S. Tamilselvan & K. R. Gokul Anand	Studies in Computational Intelligence	9 & 2023	Scopus	https://link.springer.com/chapter/10.1007/978-3-031-38281-9_5
139.	Internet of Things-Based Device Support for the Visually Impaired, Deaf, and Dumb People	Venugopal D, KPR INSTITUTE OF ENGINEERING AND TECHNOLOGY, COIMBATORE.	Revolutionizing Healthcare Through Artificial Intelligence and Internet of Things Applications	2023	Scopus	http://dx.doi.org/10.4018/978-1-6684-5422-0.ch006
140.	Biomedical Devices Adopting Energy-Harvesting Schemes	M. Saravanan, Eswaran Parthasarathy, J. Ajayan, T. Shanmugaraja, J. Mercy, R. Lawanya & B. Jaishankar	Energy Harvesting Trends for Low Power Compact Electronic Devices	9 & 2023	Scopus	https://link.springer.com/chapter/10.1007/978-3-031-35965-1_4
141.	Energy Harvesting Techniques and Trends in Electronic Applications	Pavan Mehta, Anupama Gaur, Chandan Kumar, Anveshkumar Nella, Anirban Bhowmick & Maheswar Rajagopal	Energy Harvesting Trends for Low Power Compact Electronic Devices	9 & 2023	Scopus	https://link.springer.com/chapter/10.1007/978-3-031-35965-1_11
142.	Surveillance of Robotic Boat Using Iot and Image Processing	S. Suganyadevi, D. Shamia, V. Seethalakshmi, K. Balasamy & K. Sathya	Artificial Intelligence in IoT and Cyborgization	9 & 2023	Scopus	https://link.springer.com/chapter/10.1007/978-981-99-4303-6_6
143.	Digital twins in precision agriculture monitoring using artificial intelligence	D. Shamia, S. Suganyadevi, V. Satheeswaran, K. Balasamy	Digital Twin for Smart Manufacturing	9 & 2023	Scopus	https://www.sciencedirect.com/science/article/abs/pii/B9780323992053000043

144.	Energy Harvesting Scheme Using Queuing Theory for Wireless Body Area Network	R. Nidhya, D. Pavithra, R. Kalpana, M. Kathirvelu & P. Jayarajan	Energy Harvesting Trends for Low Power Compact Electronic Devices	9 & 2023	Scopus	https://link.springer.com/chapter/10.1007/978-3-031-35965-1_9
145.	Flexible, Transparent, and Wideband 4-Port MIMO Antenna	Jayshri Kulkarni, Arpan Desai, Heng Tung Hsu, Brian Garner, Yang Li, Chow-Yen-Desmond Sim & Vigneswaran Dhasarathan	Transparent and Flexible MIMO Antenna Technologies for 5G Applications	10 & 2023	Scopus	https://link.springer.com/chapter/10.1007/978-3-031-42486-1_2
146.	UWB Flexible Antenna	Jayshri Kulkarni, Arpan Desai, Heng Tung Hsu, Brian Garner, Yang Li, Chow-Yen-Desmond Sim & Vigneswaran Dhasarathan	Transparent and Flexible MIMO Antenna Technologies for 5G Applications	10 & 2023	Scopus	https://link.springer.com/chapter/10.1007/978-3-031-42486-1_3
147.	Advancements in Flexible MIMO Antennas for 5G Smartphones	Jayshri Kulkarni, Arpan Desai, Heng Tung Hsu, Brian Garner, Yang Li, Chow-Yen-Desmond Sim & Vigneswaran Dhasarathan	Transparent and Flexible MIMO Antenna Technologies for 5G Applications	10 & 2023	Scopus	https://link.springer.com/chapter/10.1007/978-3-031-42486-1_4
148.	Flexible 4-Port CP MIMO Antenna	Jayshri Kulkarni, Arpan Desai, Heng Tung Hsu, Brian Garner, Yang Li, Chow-Yen-Desmond Sim & Vigneswaran Dhasarathan	Transparent and Flexible MIMO Antenna Technologies for 5G Applications	10 & 2023	Scopus	https://link.springer.com/chapter/10.1007/978-3-031-42486-1_5
149.	Introduction to the Flexible	Jayshri Kulkarni, Arpan	Transparent and	10 & 2023	Scopus	https://link.springer.co

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	and Transparent Antennas	Desai, Heng Tung Hsu, Brian Garner, Yang Li, Chow-Yen-Desmond Sim & Vigneswaran Dhasarathan	Flexible MIMO Antenna Technologies for 5G Applications			m/chapter/10.1007/978-3-031-42486-1_1
150.	7 Methods of cross-validation and bootstrapping	K. Arthi , Veeramalai Sankaradass , Nikhat Parveen and J. Muralidharan	Toward Artificial General Intelligence	2024	Scopus	https://www.degruyter.com/document/doi/10.1515/9783111323749-007/html
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